## **CLAIMS**

## 1. A compound of formula I:

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wherein the moiety X-R is attached at one of the positions indicated by an asterisk;

X is a 5-(R-substituted)-1,2,4-oxadiazol-3-yl moiety; and R is selected from:

- (i) a non-aromatic hydrocarbon group of up to 10 carbon atoms, optionally substituted with halogen, CF<sub>3</sub>, CHF<sub>2</sub>, CN, OH, CO<sub>2</sub>H, C<sub>2-6</sub>acyl, C<sub>1-4</sub>alkoxy or C<sub>1-4</sub>alkoxycarbonyl;
  - (ii) a non-aromatic heterocyclic group comprising up to 7 ring atoms of which up to 3 are chosen from N, O and S and the remainder are carbon, bearing 0-3 substituents independently selected from oxo, halogen, CN, C<sub>1-6</sub>alkyl, OH, CF<sub>3</sub>, CHF<sub>2</sub>, CH<sub>2</sub>F, C<sub>2-6</sub>acyl, CO<sub>2</sub>H, C<sub>1-4</sub>alkoxy and C<sub>1-4</sub>alkoxycarbonyl; and
  - (iii) phenyl or 6-membered heteroaryl, either of which bears 0-3 substituents independently selected from halogen, CF<sub>3</sub>, CHF<sub>2</sub>, CH<sub>2</sub>F, NO<sub>2</sub>, CN, OCF<sub>3</sub>, C<sub>1-6</sub>alkyl and C<sub>1-6</sub>alkoxy; or a pharmaceutically acceptable salt thereof.
- A compound according to claim 1 which is homochiral and is [6S,9R,11R]2',3',4',5,5',6,7,8,9,10-decahydro-2-(5-(R-substituted)-1,2,4-oxadiazol-3-yl)-5'-(2,2,2-trifluoroethyl)spiro[6,9-methanobenzocyclooctene-11,3'-[1,2,5]thiadiazole] 1',1'-dioxide, or a pharmaceutically acceptable salt thereof.

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- 3. A compound according to claim 1 or claim 2 wherein R represents phenyl or a 6-membered heteroaryl, either of which bears 0-3 substituents independently selected from halogen, CF<sub>3</sub>, CHF<sub>2</sub>, CH<sub>2</sub>F, NO<sub>2</sub>, CN, OCF<sub>3</sub>, C<sub>1-6</sub>alkyl and C<sub>1-6</sub>alkoxy.
- 4. A compound according to claim 3 wherein R is selected from monohalophenyl, dihalophenyl, pyridyl, monohalopyridyl and trifluoromethylpyridyl, wherein "halo" refers to fluoro or chloro.

5. A compound according to claim 1 or claim 2 wherein the moiety -X-R is selected from:

$$\underline{x}^{\prime}$$
,  $\underline{y}^{\prime}$ 

- 6. A pharmaceutical composition comprising a compound according to any previous claim and a pharmaceutically acceptable carrier.
- 7. A compound according to any of claims 1-5 for use in a method of treatment of the human body.
  - 8. The use of a compound according to any of claims 1-5 in the manufacture of a medicament for treating or preventing Alzheimer's disease.
  - 9. A method of treatment of a subject suffering from or prone to Alzheimer's disease which comprises administering to that subject an effective amount of a compound according to any of claims 1-5.